I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, Washington, DC 20231" on

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Signature

Atty Dkt No. 1300-2329
Bayer No. MST-2329
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
Daryn KENNY et al.

Serial No.: 09/972,493

Group Art Unit: 1645

Filing Date: June 1, 2001

Examiner: Unassigned

Title: HIGHLY SENSITIVE GENE DETECTION AND LOCALIZATION USING *IN SITU* BRANCHED-DNA HYBRIDIZATION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, DC 20231

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

Form PTO-1449 listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENTS		
PATENT NO.	ISSUE DATE	PATENTEE
4,868,105	9/19/89	Urdea et al.
5,124,246	6/23/92	Urdea et al.
5,501,954	3/26/96	Mahr et al.
5,681,702	10/28/97	Collins et al.
5,849,481	12/15/98	Urdea et al.
5,888,733	3/30/99	Hyldig-Nielsen et al.
5,985,549	11/16/99	Singer et al.

OTHER DOCUMENTS
Adler et al. (1997), High Sensitivity Detection of HPV-16 in SiHa and CaSki Cells Utilizing FISH Enhanced by TSA," *Histochem. Cell. Biol.* 108(4-5):321-324.
Collins et al. (1997), "A Branched DNA Signal Amplification Assay for Quantitation of Nucleic Acid Targets Below 100 Molecules/ml," *Nucleic Acids Research* 25(15):2979-2984.
Deichmann et al. (1997), "Ultra-sensitive FISH is a Useful Tool for Studying Chronic HIV-1 Infection," *J. Virol. Methods* 65(1):19-25.
Siadat-Pajouh et al. (1994), "Introduction of a Fast and Sensitive Fluorescent in situ Hybridization Method for Single-copy Detection of Human Papillomavirus (HPV) Genome," *J. Histochem. Cytochem.* 42(11):1503-1512.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As applicants have not yet received a first Action on the merits, no fee is required for filing this Information Disclosure Statement. If, however, the PTO finds that for some reason a fee is found to be necessary, our Deposit Account No. 18-0580 may be charged therefor. **A duplicate copy of this paper is enclosed.**

Respectfully submitted,

September 28, 2001
Date

By: Mark A. Wilson
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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 1300-2329	SERIAL NO.: 09/872,493
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT: Daryn KENNY et al.	
(37 CFR 1.98(b))		FILING DATE: June 1, 2001	GROUP: 1645

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,868,105	9/19/89	Urdea et al.			
	AB	5,124,246	6/23/92	Urdea et al.			
	AC	5,501,954	3/26/96	Mahr et al.			
	AD	5,681,702	10/28/97	Collins et al.			
	AE	5,849,481	12/15/98	Urdea et al.			
	AF	5,888,733	3/30/99	Hyldig-Nielsen et al.			
	AG	5,985,549	11/16/99	Singer et al.			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS		
EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION
	AH	Adler et al. (1997), High Sensitivity Detection of HPV-16 in SiHa and CaSki Cells Utilizing FISH Enhanced by TSA," *Histochem. Cell. Biol.* 108(4-5):321-324.
	AI	Collins et al. (1997), "A Branched DNA Signal Amplification Assay for Quantitation of Nucleic Acid Targets Below 100 Molecules/ml," *Nucleic Acids Research* 25(15):2979-2984.
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EXAMINER SIGNATURE:	DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.